

Hurricane Andrew 25th Anniversary Workshop

Florida Governor's Hurricane Conference
May 18, 2017

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Rule of Risk

Odds X Consequences = Risk

%



= Action?



Hurricane Andrew Timeline



Sunday – August 16: Tropical Depression #3

Monday – August 17: Tropical Storm Andrew

Tuesday – August 18: 50 mph - pulsing

Wednesday – August 19: 50 mph – no PM circulation

Wednesday, August 19



Hostile environment, but bad location

Wednesday, August 19



Quasi-cone **NEW** for Hurricane Andrew

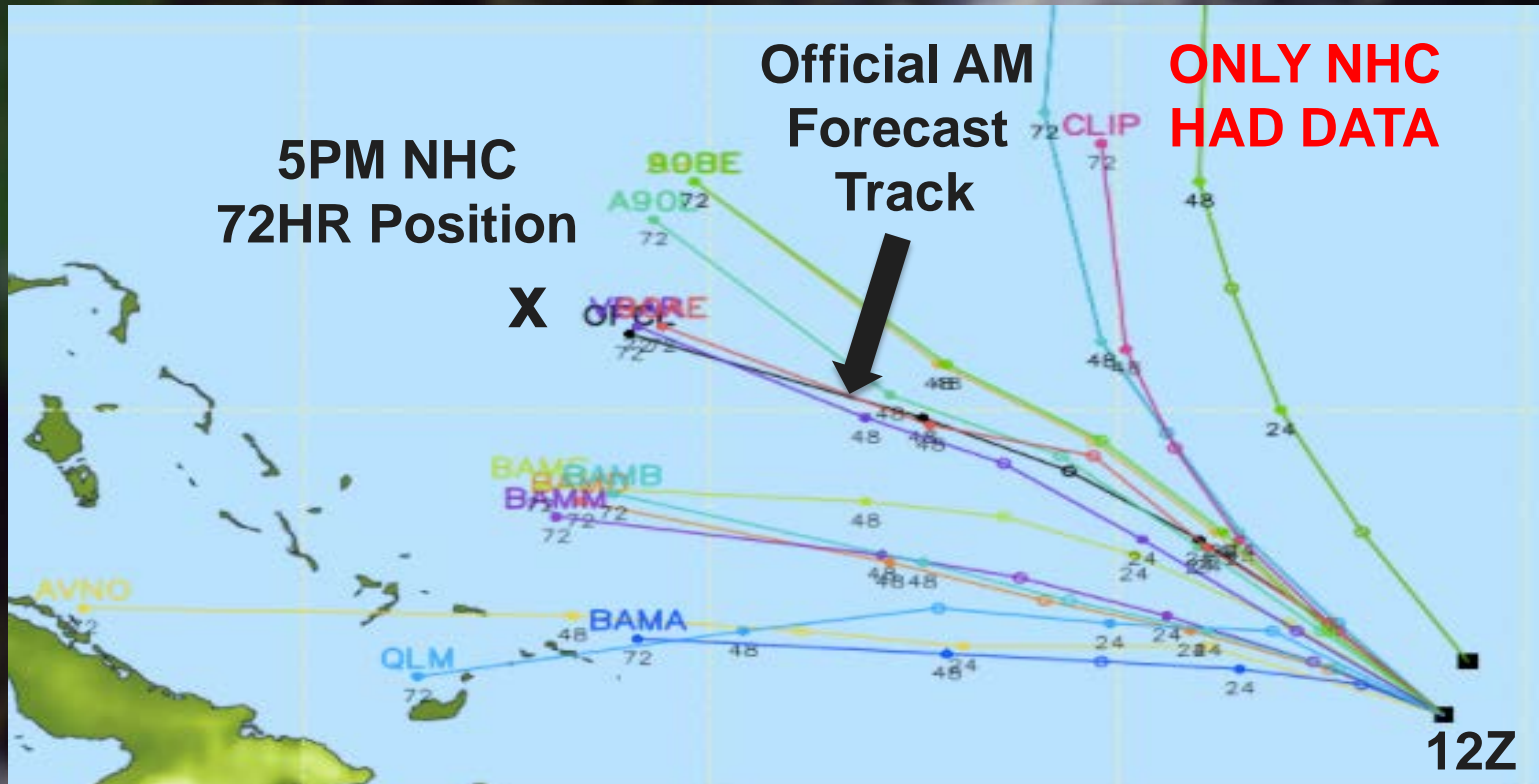


Hurricane Andrew Timeline



- Sunday – August 16: Tropical Depression #3
- Monday – August 17: Tropical Storm Andrew
- Tuesday – August 18: 50 mph - pulsing
- Wednesday – August 19: 50 mph – no PM circulation
- Thursday – August 20: 45-50 mph – ragged

Thursday, August 20

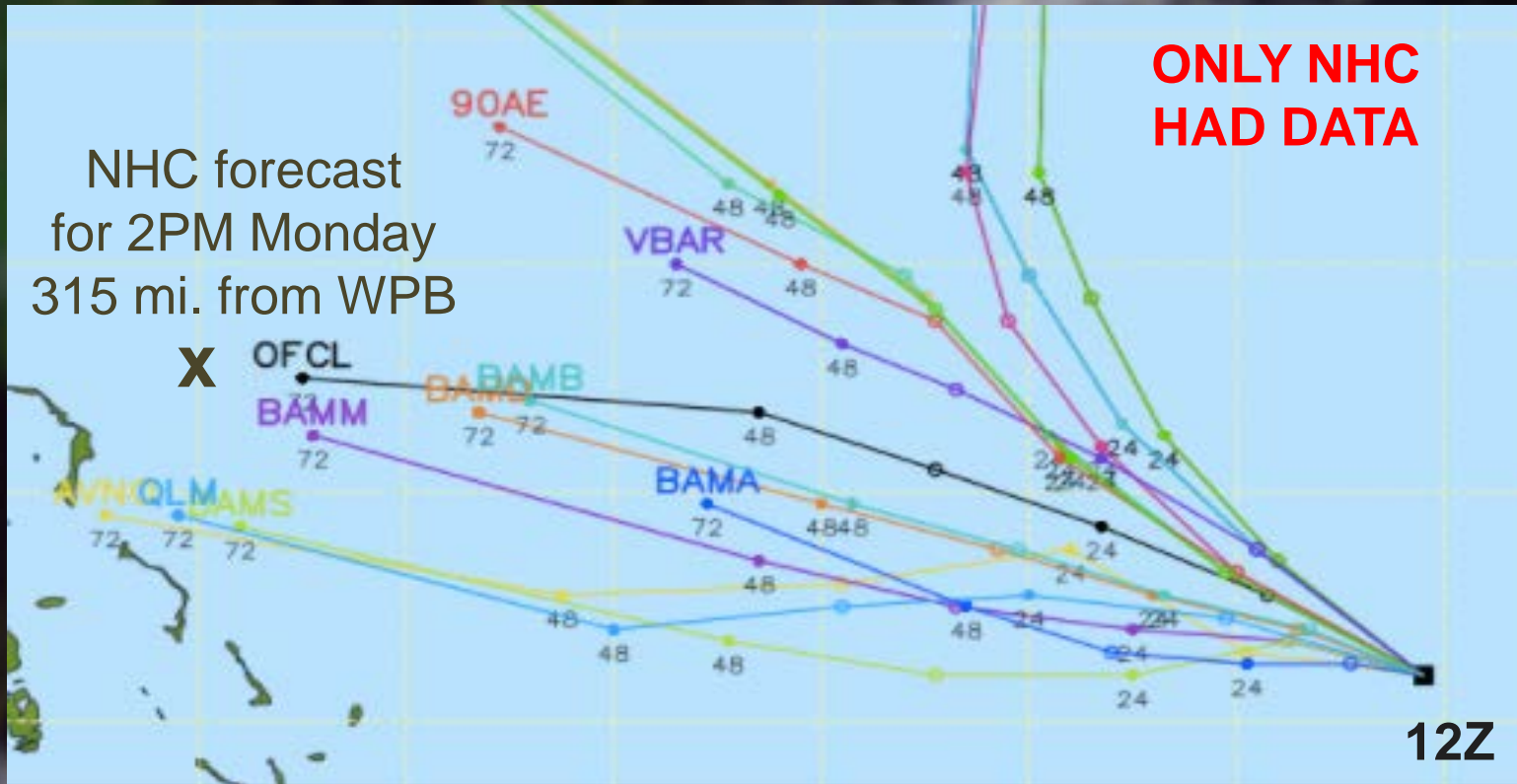


Recon unable to locate a center

Hurricane Andrew Timeline

- Sunday – August 16:** Tropical Depression #3
- Monday – August 17:** Tropical Storm Andrew
- Tuesday – August 18:** 50 mph - pulsing
- Wednesday – August 19:** 50 mph – no PM circulation
- Thursday – August 20:** 45-50 mph – ragged
- Friday – August 21:** 60-65 mph - organizing

Friday, August 21



What is the risk for Florida over the weekend?

Friday, August 21

Similar to afternoon AVN
forecast for 12Z Monday

**ONLY 3-DAY
FORECAST AVAILABLE
AT TV STATION**

What is the risk for Florida over the weekend?

Hurricane Andrew Timeline

Saturday, August 22

Winds: AM 75 mph – PM 110 mph

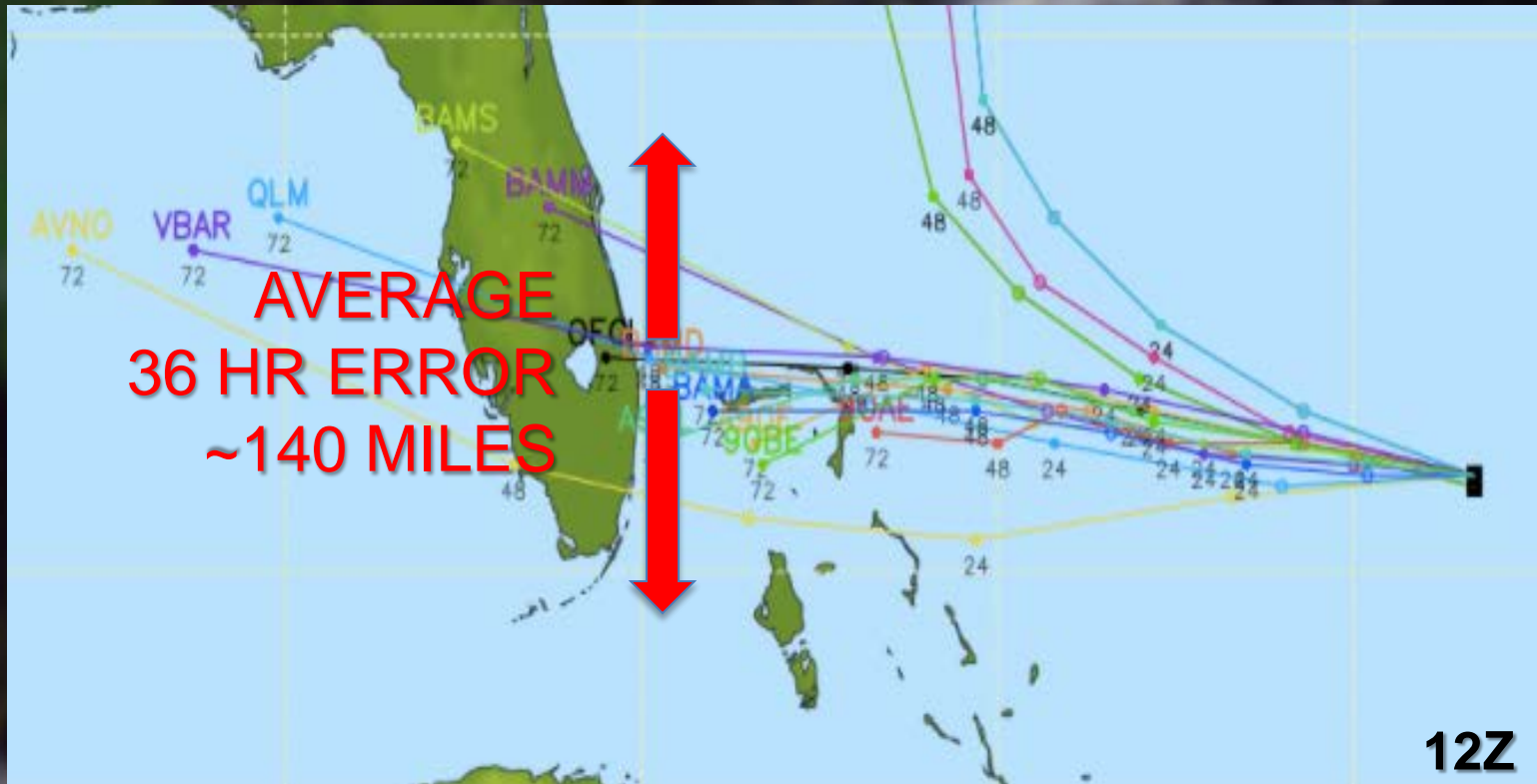
5:00 AM Discussion

...IT COULD AFFECT SOUTHEAST U.S. COAST IN 72 HOURS.

5:00 PM Discussion

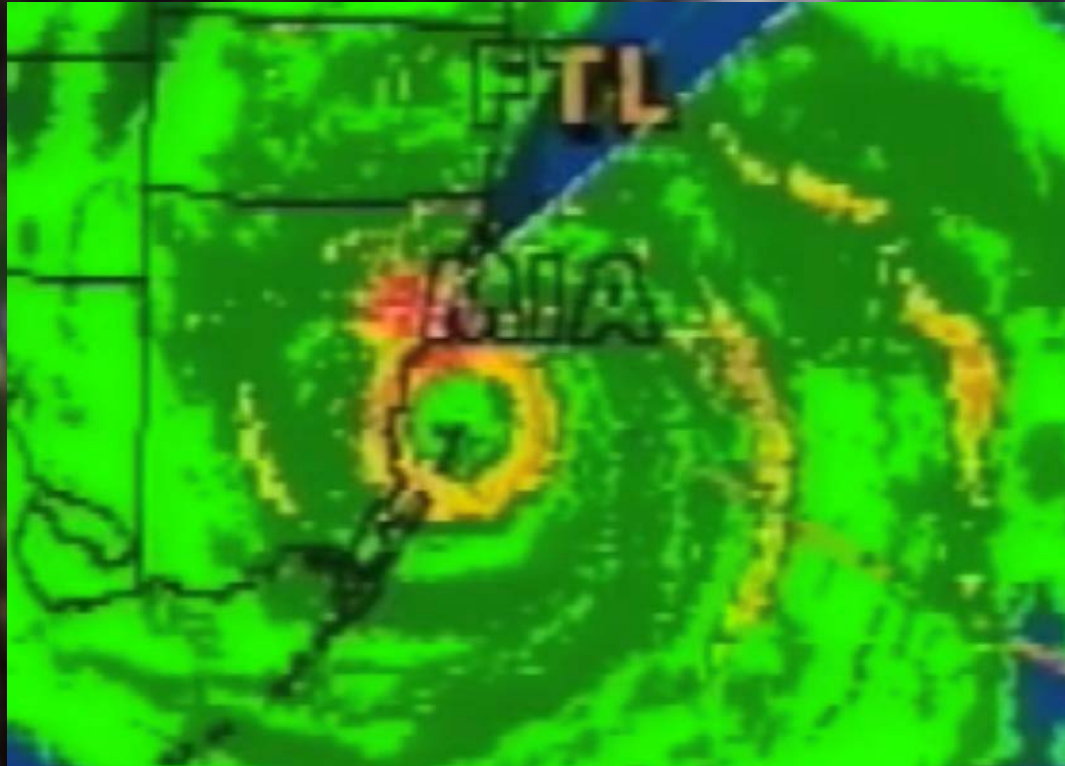
...A POSSIBLE LANDFALL COULD OCCUR ON THE FLORIDA COAST WITHIN LESS THAN 48 HOURS...

Saturday, August 22



Hurricane Watch for South Florida at 5:00 PM

Early Monday, August 24



4:35 a.m.: RED!!! pixels in northern eyewall

Early Monday, August 24

4:35 am

Gusts at roof level



4:28 am 134 mph

4:30 am 126 mph

4:33 am 147 mph

4:49 am 152 mph

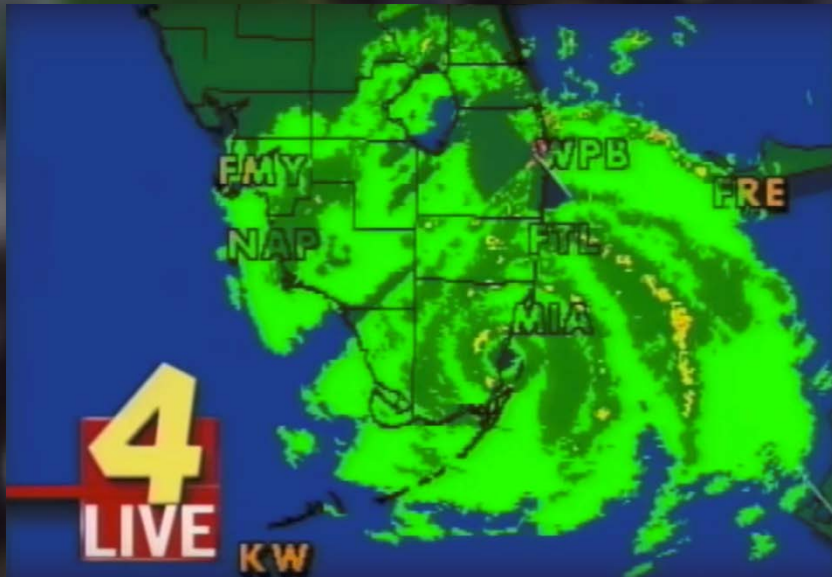
4:52 am 164 mph

Anemometer failed

“Something just happened to the Miami radar.”

Early Monday, August 24

5:01 am



Peak Surge

5:47 am



Peak Kendall Wind

WPB radar weak. Misses Andrew's strongest winds.

A Good or Bad Forecast?

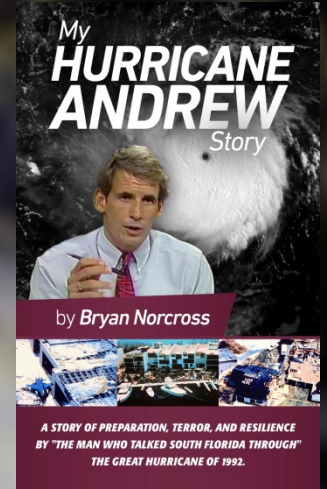
Bottom Line:

The forecast was excellent...

...because people didn't EXPECT
know anything firm until 24 hours out.
They had time to prepare.

Available at Amazon:

My Hurricane Andrew Story by Bryan Norcross



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